

ABSTRACT OF THE DISCLOSURE

A monolayer or multilayer film has a single layer or multiple layers of silica containing fluorine. An optical element has the forgoing film laid on a surface of a substrate. A concentration of the fluorine in the layer or layers of silica is not less than 0.1 mol% (preferably, not less than 1 mol%) nor more than 10 mol%.

1973-03-23 08:00:00